





United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/425,804	10/25/1999	DAVID G. GORENSTEIN	122144-1001	1041
75	90 12/06/2001			
Gardere Wynn		EXAMINER		
Sanford E. War 3000 Thanksgiv	ing Tower	BHATTI, TAHIRA H		
1601 Elm Street DALLAS, TX 75201-4761			ART UNIT	PAPER NUMBER
			1627	12
			DATE MAILED: 12/06/2001	• •

Please find below and/or attached an Office communication concerning this application or proceeding.





UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office
COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

SERIAL NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.
09/425,804			

EXAMINER		
ART UNIT	PAPER NUMBER	
1627	12	

Please find below a communication from the EXAMINER in charge of this application

Sequence Rules: Bonafide Attempt Letter

The forwarded Sequence Letter e.g. "Notice to Comply with Sequence Rules" dated 10/1/01 in paper no. 10 is hereby vacated in light of the "Raw Sequence Listing Error Report" received by the Examiner on 10/5/01 (paper no. 11) a copy of which is enclosed herewith.

This application contains sequence disclosures that are encompassed by the definitions for nucleotide and/or amino acid sequences set forth in 37 CFR 1.821(a)(1) and (a)(2); but fails to comply with the requirements of 37 CFR 1.821 through 1.825 for the reason(s) set forth on the attached "Raw Sequence Listing Error Report". Applicant must comply with the requirements of the sequence rules (37 CFR 1.821 - 1.825) before the application can be examined under 35 U.S.C. §§ 131 and 132. Applicant must comply with the requirements of the sequence rules (37 CFR 1.821 - 1.825) before the application can be further examined.

Since the above-mentioned reply appears to be bona fide attempt to comply with the requirements of the sequence rules (37 CFR 1.821 - 1.825), applicant is given a TIME PERIOD of ONE (1) MONTH from the mailing date of this communication within which to correct the deficiency so as to comply with the sequence rules (37 CFR 1.821 - 1.825) in order to avoid abandonment of the application under 37 CFR 1.821(g). EXTENSIONS OF THIS TIME PERIOD MAY BE GRANTED UNDER 37 CFR 1.136(a).

General information regarding further correspondence

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Examiner Celsa whose telephone number is (703) 305-7556.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jyothsna Venkat (art unit 1627), can be reached at (703)308-0570.

Any inquiry of a general nature, or relating to the status of this application, should be directed to the Group receptionist whose telephone number is (703) 308-0196. Tahira Bhatti (art unit 1627)

December 3, 2001

BENNETT CELSA PRIMARY EXAMPLE

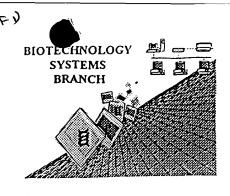
NOTICE TO COMPLY WITH REQUIREMENTS FOR PATE APPLICATIONS CONTAINING SUCLEOTIDE SEQUENT ANDIOR AMINO ACID SEQUENTE DISCLOSURES

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 CFR 1.821 - 1.825 for the following reason(s):

Z	1. This application dearly fails to comply with the requirements of 37 CFR 1.821 - 1.825. Applicant's attention directed to these regulations, published at 1114 OG 29, May 15, 1990 and at 55 FR 18230, May 1, 1990.	n is
Ļ	2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" required by 37 CFR 1.821(c).	as
	3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR	1.821
Ŕ	4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 CFR 1.822 and/or 1.823, as indicated or attached marked-up copy of the "Raw Sequence Listing."	the 1 the
	5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A substitute computer readable form in submitted as required by 37 CFR 1.825(d).	nust be
	6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence as required by 37 CFR 1.821(e).	Listing*
	7. Other: ————————————————————————————————————	
App	olicant must provide:	•
X	An initial or substitute computer readable form (CRF) copy of the "Sequence Listing"	. *
X	An interest substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification	9
	A statement that the content of the paper and computer readable copies are the same and, where applicable, in new matter, as required by 37 CFR 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d)	dude no
or o	questions regarding compliance with these requirements, please contact:	

Please return a copy of this notice with your response.

For Rules Interpretation, call (703) 308-1123 For CRF submission help, call (703) 308-4212 For Patentin software help, call (703) 308-6856 RAW SEQUENCE LISTIN ERROR REPORT



1010/DI

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:

09/425,804

RECEIVED

Source:

1623

OCT 0 5 2001

Date Processed by STIC:

(9/22/2001

TECH CENTER 1600/2900

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216. PATENTIN 2.1 c-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax) PATENTIN 3.0 c-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE <u>CHECKER</u> <u>VERSION 3.0 PROGRAM</u>, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address: http://www.uspto.gov/web/offices/pac/checker

RECEIVED

OCT 0 5 2001

TECH CENTER 1600/2900

Raw Sequence Listing Error Summary

ERROR DETECTED	SUGGESTED CORRECTION	SERIAL NUMBER: 09 /425, 804.
ATTN: NEW RULES CASES:	PLEASE DISREGARD ENGLISH "ALPHA" HEA	DERS, WHICH WERE INSERTED BY PTO SOFTWARE
1Wrapped Nucleics Wrapped Aminos		l" down to the next line. This may occur if your file it. Please adjust your right margin to .3; this will
2Invalid Line Length	The rules require that a line not exceed 72 characteristics	cters in length. This includes white spaces.
3Misaligned Amino Numbering	The numbering under each 5th amino acid is misause space characters, instead.	ligned. Do not use tab codes between numbers;
4Non-ASCII	The submitted file was not saved in ASCII(DOS) ensure your subsequent submission is saved in	text, as required by the Sequence Rules. Please ASCII text.
5Variable Length	each n or Xaa can only represent a single resid	g more than one residue. Per Sequence Rules, lue. Please present the maximum number of each <20>-<223> section that some may be missing.
6PatentIn 2.0 "bug"	sequences(s) Normally, PatentIn	220>-<223> section to be missing from amino acid would automatically generate this section from the nanually copy the relevant <220>-<223> section to es to the mandatory <220>-<223> sections for
7Skipped Sequences (OLD RULES)	(2) INFORMATION FOR SEQ ID NO:X: (insert	Do not insert any subheadings under this heading)
	Please also adjust the "(ii) NUMBER OF SEQUE	ENCES:" response to include the skipped sequences.
8Skipped Sequences (NEW RULES)	Sequence(s) missing. If intentional, pleated 10> sequence id number 400> sequence id number 000	ase insert the following lines for each skipped sequence.
Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Per 1.823 of Sequence Rules, use of <220>-<223: In <220> to <223> section, please explain location	Sequence Listing. > is MANDATORY if n's or Xaa's are present. on of n or Xaa, and which residue n or Xaa represents.
0Invalid <213> Response		> responses are: Unknown, Artificial Sequence, or ection is required when <213> response is Unknown or
1Use of <220>	Use of <220> to <223> is MANDATORY if <21 "Unknown." Please explain source of genetic ma	re" and associated numeric identifiers and responses. 3> "Organism" response is "Artificial Sequence" or terial in <220> to <223> section. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
2PatentIn 2.0 "bug"	Please do not use "Copy to Disk" function of Pater resulting in missing mandatory numeric identifier listing). Instead, please use "File Manager" or an	s and responses (as indicated on raw sequence

AMC - Biotechnology Systems Branch - 06/04/2001

DATE: 09/27/2001

TIME: 11:23:40

```
Input Set : A:\Nfkbaptl.app
                                                  Output Set: N:\CRF3\09272001\I425804.raw
              3 <110> APPLICANT: Gorenstein, David G.
                                 King, David J.
              5
                                 Ventura, Daniel A.
              6
                                 Brasier, Allan R.
              8 <120> TITLE OF INVENTION: Thio-Modified Aptamer Synthetic Methods and
                                 Compositions
            11 <130> FILE REFERENCE: 122144-002000
                                                                                                                                                 Does Not Comply
C--> 13 <140> CURRENT APPLICATION NUMBER: US/09/425,804
                                                                                                                                                  Corrected Diskette Needed
C--> 14 <141> CURRENT FILING DATE: 1999-10-25
            16 <150> PRIOR APPLICATION NUMBER: 60/105,600
            17 <151> PRIOR FILING DATE: 1998-10-26
            19 <160> NUMBER OF SEQ ID NOS: 50
           See them # 9 cm

See th
            21 <170> SOFTWARE: PatentIn Ver. 2.1
W--> 32 cagtgctcta gaggatccgt gachnnnnnn nnnnnnnnn nnnnnhgaag cttatcgatc 60
            37 <211> LENGTH: 22
            38 <212> TYPE: DNA
            39 <213> ORGANISM: Artificial Sequence
            41 <220> FEATURE:
            42 <223> OTHER INFORMATION: Description of Artificial Sequence: aptamer
            44 <400> SEQUENCE: 2
                                                                                                                                                                                22
            45 geogtecaca tacgacacca ce
            48 <210> SEQ ID NO: 3
            49 <211> LENGTH: 22
            50 <212> TYPE: DNA
            51 <213> ORGANISM: Artificial Sequence
            53 <220> FEATURE:
            54 <223> OTHER INFORMATION: Description of Artificial Sequence: aptamer
            56 <400> SEQUENCE: 3
                                                                                                                                                                                22
            57 ggccgaccgc acagcacaac cc
            60 <210> SEQ ID NO: 4
            61 <211> LENGTH: 22
            62 <212> TYPE: DNA
            63 <213> ORGANISM: Artificial Sequence
            65 <220> FEATURE:
            66 <223> OTHER INFORMATION: Description of Artificial Sequence: aptamer
            68 <400> SEQUENCE: 4
                                                                                                                                                                                22
            69 ggcgcggata caacccacac gc
```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/425,804

72 <210> SEQ ID NO: 5

RAW SEQUENCE LISTINGPATENT APPLICATION: US/09/425,804

DATE: 09/27/2001

TIME: 11:23:40

Input Set : A:\Nfkbaptl.app

Output Set: N:\CRF3\09272001\I425804.raw

73 <211> LENGTH: 22 74 <212> TYPE: DNA 75 <213> ORGANISM: Artificial Sequence 77 <220> FEATURE: 78 <223> OTHER INFORMATION: Description of Artificial Sequence: aptamer 80 <400> SEQUENCE: 5 22 81 gggcccgctg tacatgcaca cg 84 <210> SEQ ID NO: 6 85 <211> LENGTH: 22 86 <212> TYPE: DNA 87 <213> ORGANISM: Artificial Sequence 89 <220> FEATURE: 90 <223> OTHER INFORMATION: Description of Artificial Sequence: aptamer 92 <400> SEQUENCE: 6 22 93 ggccgaccgc acagcacaac cc 96 <210> SEQ ID NO: 7 97 <211> LENGTH: 22 98 <212> TYPE: DNA 99 <213> ORGANISM: Artificial Sequence 101 <220> FEATURE: 102 <223> OTHER INFORMATION: Description of Artificial Sequence: aptamer 104 <400> SEQUENCE: 7 22 105 gggcccgctg tacatgcaca cg 108 <210> SEQ ID NO: 8 109 <211> LENGTH: 22 110 <212> TYPE: DNA 111 <213> ORGANISM: Artificial Sequence 113 <220> FEATURE: 114 <223> OTHER INFORMATION: Description of Artificial Sequence: aptamer 116 <400> SEQUENCE: 8 22 117 gggcccgctg cacgtgcaca cg 120 <210> SEQ ID NO: 9 121 <211> LENGTH: 22 122 <212> TYPE: DNA 123 <213> ORGANISM: Artificial Sequence 125 <220> FEATURE: 126 <223> OTHER INFORMATION: Description of Artificial Sequence: aptamer 128 <400> SEQUENCE: 9 129 gggcccgctg tacacgcaca cg 22 132 <210> SEQ ID NO: 10 133 <211> LENGTH: 22 134 <212> TYPE: DNA 135 <213> ORGANISM: Artificial Sequence 137 <220> FEATURE: 138 <223> OTHER INFORMATION: Description of Artificial Sequence: aptamer 140 <400> SEQUENCE: 10 22 141 cccgttgttg tcccactcca cg

144 <210> SEQ ID NO: 11 145 <211> LENGTH: 22

22

10

10

DATE: 09/27/2001 RAW SEQUENCE LISTING TIME: 11:23:40 PATENT APPLICATION: US/09/425,804

Input Set : A:\Nfkbaptl.app

Output Set: N:\CRF3\09272001\I425804.raw

- 146 <212> TYPE: DNA
- 147 <213> ORGANISM: Artificial Sequence
- 149 <220> FEATURE:
- 150 <223> OTHER INFORMATION: Description of Artificial Sequence: aptamer
- 152 <400> SEQUENCE: 11
- 153 cccgttgttg tcccgctcca cg
- 156 <210> SEQ ID NO: 12
- 157 <211> LENGTH: 10
- 158 <212> TYPE: DNA
- 159 <213> ORGANISM: Artificial Sequence
- 161 <220> FEATURE:
- 162 <223> OTHER INFORMATION: Description of Artificial Sequence: aptamer
- 164 <400> SEQUENCE: 12
- 165 gttgcgcaac

10

- 168 <210> SEQ ID NO: 13
- 169 <211> LENGTH: 10
- 170 <212> TYPE: DNA
- 171 <213> ORGANISM: Artificial Sequence
- 173 <220> FEATURE:
- 174 <223> OTHER INFORMATION: Description of Artificial Sequence: aptamer
- 176 <400> SEQUENCE: 13
- 177 gctgtacatg
- 180 <210> SEQ ID NO: 14
- 181 <211> LENGTH: 10
- 182 <212> TYPE: DNA
- 183 <213> ORGANISM: Artificial Sequence
- 185 <220> FEATURE:
- 186 <223> OTHER INFORMATION: Description of Artificial Sequence: aptamer
- 188 <400> SEQUENCE: 14
- 189 gttgtcccac
- 192 <210> SEQ ID NO: 15
- 193 <211> LENGTH: 10
- 194 <212> TYPE: DNA
- 195 <213> ORGANISM: Artificial Sequence
- 197 <220> FEATURE:
- 198 <223> OTHER INFORMATION: Description of Artificial Sequence: aptamer
- 200 <400> SEQUENCE: 15
- 201 gttgttgtcc 10
- 204 <210> SEQ ID NO: 16
- 205 <211> LENGTH: 20
- 206 <212> TYPE: DNA
- 207 <213> ORGANISM: Artificial Sequence
- 209 <220> FEATURE:
- 210 <223> OTHER INFORMATION: Description of Artificial Sequence: aptamer
- 212 <400> SEQUENCE: 16
- 213 tqcaqattqc qcaatctqca 20
- 216 <210> SEQ ID NO: 17
- 217 <211> LENGTH: 22
- 218 <212> TYPE: DNA

RAW SEQUENCE LISTING

DATE: 09/27/2001

14

22

See page 1

PATENT APPLICATION: US/09/425,804

TIME: 11:23:40

Input Set : A:\Nfkbaptl.app

Output Set: N:\CRF3\09272001\I425804.raw

- 219 <213> ORGANISM: Artificial Sequence
- 221 <220> FEATURE:
- 222 <223> OTHER INFORMATION: Description of Artificial Sequence: aptamer
- 224 <400> SEQUENCE: 17
- 225 cgtgtgcatg tacagcgggc cc
- 228 <210> SEQ ID NO: 18
- 229 <211> LENGTH: 42
- 230 <212> TYPE: DNA
- 231 <213> ORGANISM: Artificial Sequence
- 233 <220> FEATURE:
- 234 <223> OTHER INFORMATION: Description of Artificial Sequence: aptamer
- 236 <400> SEQUENCE: 18
- 237 ccaggagatt ccacccagga gattccaccc aggagattcc ac 42 .
- 240 <210> SEQ ID NO: 19
- 241 <211> LENGTH: 14
- 242 <212> TYPE: DNA
- 243 <213> ORGANISM: Artificial Sequence
- 245 <220> FEATURE:
- 246 <223> OTHER INFORMATION: Description of Artificial Sequence: aptamer
- 248 <400> SEQUENCE: 19 249 ccaggagatt ccac
- 252 <210> SEQ ID NO: 20
- 253 <211> LENGTH: 10
- 254 <212> TYPE: DNA
- 255 <213> ORGANISM: Artificial Sequence
- 257 <220> FEATURE:
- 258 <223> OTHER INFORMATION: Description of Artificial Sequence: aptamer
- 260 <400> SEQUENCE: 20
- 261 ggggacttcc 264 <210> SEQ ID NO: 21
- 265 <211> LENGTH: 62
- 266 <212> TYPE: DNA
- 267 <213> ORGANISM: Artificial Sequence
- 269 <220> FEATURE:
- 270 <223> OTHER INFORMATION: Description of Artificial Sequence: aptamer
- 272 <400> SEQUENCE: 21
- W--> 273 atgetteeac gageettten nnnnnnnnn nnnnnnnnn netgegagge ggtagtetat 60 274 tc
 - - 277 <210> SEQ ID NO: 22
 - 278 <211> LENGTH: 22
 - 279 <212> TYPE: DNA
 - 280 <213> ORGANISM: Artificial Sequence
 - 282 <220> FEATURE:
 - 283 <223> OTHER INFORMATION: Description of Artificial Sequence: aptamer
 - 285 <400> SEQUENCE: 22
 - 286 ggggcggggg gatatggaca cc 289 <210> SEQ ID NO: 23
 - 290 <211> LENGTH: 22
 - 291 <212> TYPE: DNA



RAW SEQUENCE LISTING DATE: 09/27/2001 PATENT APPLICATION: US/09/425,804 TIME: 11:23:40

Input Set : A:\Nfkbaptl.app

Output Set: N:\CRF3\09272001\1425804.raw

292 <213> ORGANISM: Artificial Sequence 294 <220> FEATURE: 295 <223> OTHER INFORMATION: Description of Artificial Sequence: aptamer 297 <400> SEQUENCE: 23 298 gggctggtgt ggtagactcc cc 22 301 <210> SEQ ID NO: 24 302 <211> LENGTH: 22 303 <212> TYPE: DNA 304 <213> ORGANISM: Artificial Sequence 306 <220> FEATURE: 307 <223> OTHER INFORMATION: Description of Artificial Sequence: aptamer 309 <400> SEQUENCE: 24 310 cccgcccaca cacaccgccc cc 22 313 <210> SEQ ID NO: 25 314 <211> LENGTH: 23 315 <212> TYPE: DNA 316 <213> ORGANISM: Artificial Sequence 318 <220> FEATURE: 319 <223> OTHER INFORMATION: Description of Artificial Sequence: aptamer 321 <400> SEQUENCE: 25 322 gggccgggag agaacatagc gac 23 325 <210> SEQ ID NO: 26 326 <211> LENGTH: 22 327 <212> TYPE: DNA 328 <213> ORGANISM: Artificial Sequence 330 <220> FEATURE: 331 <223> OTHER INFORMATION: Description of Artificial Sequence: aptamer 333 <400> SEQUENCE: 26
W--> 334 ccondinanca cacaccgccc cc Jee page 1 22 337 <210> SEQ ID NO: 27 338 <211> LENGTH: 22 339 <212> TYPE: DNA 340 <213> ORGANISM: Artificial Sequence 342 <220> FEATURE: 343 <223> OTHER INFORMATION: Description of Artificial Sequence: aptamer 345 <400> SEQUENCE: 27 346 ggtatactct ccgcccctcc cc 22 349 <210> SEQ ID NO: 28 350 <211> LENGTH: 26 351 <212> TYPE: DNA 352 <213> ORGANISM: Artificial Sequence 354 <220> FEATURE: 355 <223> OTHER INFORMATION: Description of Artificial Sequence: aptamer 357 <400> SEQUENCE: 28 358 cccacatgta cacgccgccc ccgccc 26 361 <210> SEQ ID NO: 29 362 <211> LENGTH: 22 363 <212> TYPE: DNA 364 <213> ORGANISM: Artificial Sequence

Use of n and for Xaa has been detected in the Sequence Listing. Review the Sequence Listing to ensure a corresponding explanation is present in the <220> to <223> fields of each sequence using n or Xaa.

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/425,804

DATE: 09/27/2001 TIME: 11:23:41

Input Set : A:\Nfkbaptl.app

Output Set: N:\CRF3\09272001\I425804.raw

L:13 M:270 C: Current Application Number differs, Replaced Current Application Number

L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:32 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:1

L:32 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:1

L:32 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1

L:273 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:21 L:273 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:21

L:273 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21

L:334 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:26

L:334 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:26

L:334 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26

L:370 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:29

L:370 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:29

L:370 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29